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Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 2048/50875-DA		Serial No. 09/888,938	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Applicants Graham P. Allaway, et al.			
		Filing Date June 25, 2001		Group	

U.S. PATENT DOCUMENTS									
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate			

FOREIGN PATENT DOCUMENTS									
	Document Number	Date	Country	Class	Subclass	Translation			
						Yes	No		
TMB	9 7 4 7 3 1 8	12/18/97	PCT (Exhibit B)						
TMB	9 7 3 7 0 0 5	10/9/97	PCT (Exhibit C)						
TMB	9 6 4 1 0 2 0	12/19/96	PCT (Exhibit D)						

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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicants Graham P. Allaway, et al.				
				Filing Date December 13, 1999		Group 1648		
U.S. PATENT DOCUMENTS								
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
TMB	Broder, et al., (1996) "HIV and the 7-Transmembrane Domain Receptors", <u>Pathobiology</u> , 64(4), 171-179 (Exhibit B)							
TMB	Dikic, (1996) "Regulation of HIV-1 Infection By Chemokine Receptors", <u>Acta Med. Croatica</u> , 50, 163-168 (Exhibit C)							
EXAMINER <i>Ji Bo</i>				DATE CONSIDERED 4/20/09				
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Graham P. Allaway et al.Filing Date
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TB	US 5 1 2 6 4 3 2	12/21/89	Murren, B. et al.	TB	4/22/04	
TB	US 5 0 2 1 4 0 9	6/6/92	Madden, et al. Murren, B.	TB	4/22/04	
TB	US 5 4 4 0 0 2 1	8/5/95	A. Chuntharapai, et al.			
TB	US 5 5 0 4 0 0 3	4/2/96	Haodong Li, et al.			

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					Yes No

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TB	A	Alkhatib, Ghalib, et al., (1996). "CC CKR5: A RANTES, MIP-1 α , MIP-1 β Receptor as a Fusion Cofactor for Macrophage-Tropic HIV-1" <u>Science</u> 272:1955-1958
	B	Alkhatib et al. (1997). "HIV-1 Coreceptor Activity of CCR5 and Its Inhibition by Chemokines: Independence From G Protein Signaling and Importance of Coreceptor Downmodulation" <u>Virology</u> 234: 340-348
	C	Arenzana-Selsdedos, Fernando, et al., (1996). "HIV Blocked by Chemokine Antagonist" <u>Nature</u> 383:400
	D	Berger et al., (1999). "Chemokine Receptors as HIV-1 Coreceptors: Roles in Viral Entry, Tropism, and Disease" <u>Ann. Rev. Immunol.</u> 17: 657-700
	E	Bleul, Conrad C., et al., (1996). The Lymphocyte chemoattractant SDF-1 is a Ligand for LESTR/Fusion and Blocks HIV-1 Entry" <u>Nature</u> 382:829-832
	F	Brenner, T.J., et al., (1991). "Relation Between HIV-1 Syncytium Inhibition Antibodies and Clinical Outcome in Children" <u>The Lancet</u> 337:1001-1003
	G	Cammack, Nick, (1999). "Human Immunodeficiency Virus Type 1 Entry and Chemokine Receptors: A New Therapeutic Target" <u>Antiviral Chemistry and Chemotherapy</u> 10: 53-62

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Applicants: Graham P. Allaway, et al.
Serial No.: 09/888,938
Filed: June 25, 2001
Exhibit A

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		Yes	No											

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<i>TS</i>	H	Choe, Hyeryun, et al., (1996), "The β -Chemokine Receptors CCR3 and CCR5 Facilitate Infection by Primary HIV-1 Isolates" <u>Cell</u> 85:1135-1148
	I	Cocchi, Fiorenza, et al., (1995), "Identification Of RANTES, MIP-1 α , and MIP-1 β as the Major HIV-Suppressive Factors Produced by CD8 ⁺ T Cells" <u>Science</u> 270: 1811-1815
	J	Daar, Eric S., (1990), "High Concentrations of Recombinant Soluble CD4 Are Required to Neutralize Primary Human Immunodeficiency Virus Type 1 Isolates" <u>Medical Sciences</u> 87: 6574-6578
	K	De Clercq, et al., (1992), "Potent and Selective Inhibition of Human Immunodeficiency Virus (HIV)-1 and HIV-2 Replication by a Class of Bicyclams Interacting with a Virus Uncoating Event" <u>Proc. Natl. Acad. Sci.</u> 89: 5286-5290
	L	De Clercq, et al., (1994), "Highly potent and selective inhibition of human immunodeficiency virus by the bicyclam derivative JM3100" <u>Antimicrobial Agents and Chemotherapy</u> 38: 668-674
	M	De Clercq, E., (1995), "Antiviral Therapy for Human Immunodeficiency Virus Infections" <u>J. Clin. Microbiol. Rev.</u> 8(2): 200-239

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TS	N	Deng et al., (1996). "Identification of a Major Co-Receptor for Primary Isolates of HIV-1" <u>Nature</u> 381: 661-666
	O	Doranz et al., (1996). "A Dual-Tropic Primary HIV-1 Isolate That Uses Fusin and the β -Chemokine Receptors CKR-5, CKR-3, and CKR-2b as Fusin Cofactors" <u>Cell</u> 85: 1149-1158
	P	Doranz, et al., (1997). "A Small-Molecule Inhibitor Directed Against the Chemokine Receptor CXCR4 Prevents Its Use as an HIV-1 Coreceptor" <u>J. Exp. Med.</u> 186(8): 1395-1400
	Q	Dragic, Tatjana, et al., (1996). "HIV-1 entry into CD4+ cells is mediated by the chemokine receptor CC-CKR-5" <u>Nature</u> 381:667-673
	R	Eugen-Olsen, Jesper, et al. (1997). "Heterozygosity for a Deletion in the CKR-5 Gene Leads to Prolonged AIDS-free Survival and Slower CD4 T-cell Decline in a Cohort of HIV-seropositive Individuals" <u>AIDS</u> 11: 305-310
	S	Faley, J.L., et al., (1992). "Status of Immune-based Therapies in HIV Infection and AIDS" <u>Clin. Exp. Immunol.</u> 88: 1-5
	T	Feng et al. (1996). "HIV-1 Entry Cofactor: Functional cDNA Cloning of a Seven-transmembrane, G Protein-coupled Receptor" <u>Science</u> 272: 872-877

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	U	Fox, Jeffrey L., (1994). "No Winners Against AIDS" <u>Bio/Technology</u> 12: 128
TB	V	Gong, Jiang-Hong, et al., (1996). "RANTES and MCP-3 Antagonists Bind Multiple Chemokine Receptors" <u>The Journal of Biological Chemistry</u> 371:10521-10527
	W	Gong, Jiang-Hong, et al., (1995). "Antagonists Of Monocyte Chemoattractant Protein 1 Identified By Modification Of Functionally Critical NH ₂ -terminal Residues" <u>J. Exp. Med.</u> 181:631-640
	X	Hattori, T., et al., (1989). "Involvement of tryptase-related cellular protease(s) in human immunodeficiency virus type 1 infection" <u>FEBS Letters</u> 248:48-52
	Y	Haynes, Barton F., (1996). "Update on the Issues of HIV Vaccine Development" <u>Ann. Med.</u> 28:39-41
	Z	Jones, Simon, A., et al., (1997). "Chemokine Antagonists That Discriminate between Interleukin-8 Receptors" <u>The Journal of Biological Chemistry</u> 272:16166-16169
	A	Klotman et al., (1995). "Transgenic Models of HIV-1" <u>AIDS</u> 9(4): 313-324
	BB	Levy, (1996). "Controlling HIV Pathogenesis: The Role of the Noncytotoxic Anti-HIV Response of CD8+ Cells" <u>Immunology Today</u> 17: 217-224

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	QQ	Trkola, Alexandra, et al., (1996), "CD4-dependent, antibody-sensitive interactions between HIV-1 and its co-receptor CCR-5" <u>Nature</u> 384:184-187
	RR	Wells, Timothy, N.C., et al., (1996), "Selectivity and antagonism of chemokine receptors" <u>Journal of Leukocyte Biology</u> 59:53-60
	SS	Wu, Lijun, et al., (1996), "CD4-induced interaction of primary HIV-1 gp120 glycoproteins with the chemokine receptor CCR-5" <u>Nature</u> 384:179-183
	TT	Wu, Lijun, et al., (1997) "CCR5 Levels and Expression Pattern Correlate with Infectability by Macrophage-tropic HIV-1" <u>In Vitro, J. Exp. Med.</u> 185:1681-1691
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	VV	Zhang, Y.J., et al., (1994), "Structure/Activity Analysis of Human Monocyte Chemoattractant Protein-1 (MCP-1) by Mutagenesis" <u>The Journal of Biological Chemistry</u> 269:15918-15924

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